

**ANANTH PRASAD P.E.**  
**SECRETARY**

June 22, 2011

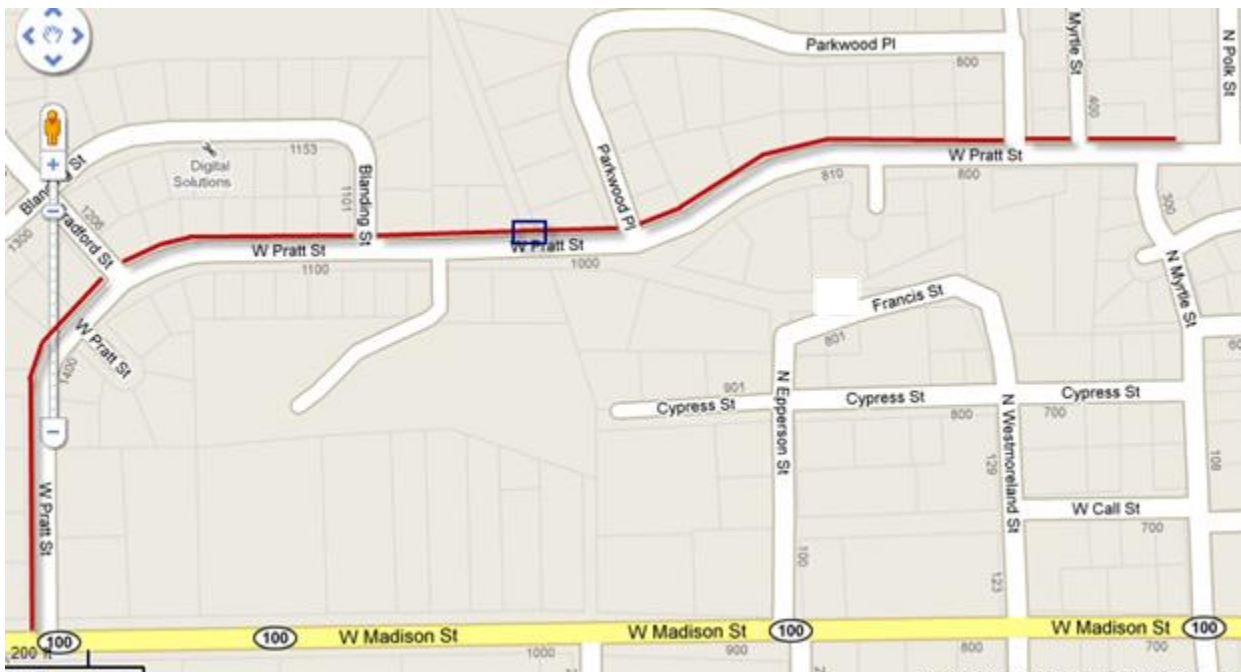
To: Prospective Bidders & Plan Holders

**Addendum No.:** **2, E2094, Financial Project # 21149425201, Federal ID # 8887-640-A**  
Construction of 5' concrete sidewalk (5' Wide by 4" Thick) on Pratt Street beginning West of Polk Street and ending at SR 100 in Starke, Bradford County

The Work Class of **4.1.2 Minor Bridge Design** has been added to this project. The following changes have been made in the Request for Proposal for E2O94.

## I. Introduction

The Florida Department of Transportation (Department) has issued this Request for Proposal (RFP) to solicit competitive bids and proposals from Proposers for the construction of a 5' concrete sidewalk with a pedestrian bridge on Pratt Street beginning at State Road 100 and ending West of Polk Street in Starke, Bradford County, Florida.



Legend:

### Red Lines – Install Sidewalk

### Blue Box – Install Pedestrian Bridge

### **Description of Work**

Construct a 5' wide by 4" thick concrete sidewalk (6" thick at driveways) within the existing right-of-way on the north side of Pratt Street beginning at the existing sidewalk on State Road 100 and ending at the existing chain link fence east of Smyrna Mission Baptist Church just west of North Polk Street. It shall be the Contractor's responsibility to provide sidewalk flumes, inlets, pipes, pipe extensions, walls, handrails and any other features required to construct the sidewalk. End treatments shall be added on any new pipes or pipe extensions. All existing pipes that are modified shall be desilted. All dropoffs shall be shielded if meeting the requirements as described in the FDOT PPM Chapter 8 for pedestrians. The sidewalk shall be placed as close to the right-of-way as possible with a minimum offset distance of 4 feet from the edge of pavement.

Install 8' crosswalks across North Myrtle Street, North Westmoreland Street, Parkwood Place, Blanding Street and Bradford Street.

The ditch (see picture below) between the Smyrna Mission Baptist Church and North Myrtle Street may need to be piped to allow for the sidewalk. Drainage pipes may need to be extended and handrail may be needed to allow for the sidewalk.



A prefabricated aluminum pedestrian bridge structure shall be constructed across the drainage canal West of Parkwood Place. A 5-foot minimum horizontal clearance will be required between the rails. Pedestrian bridge structure, substructure, foundation and all incidental items shall be signed and sealed by an engineer, licensed in the State of Florida. Any permits needed will be the responsibility of the Design/Build Firm.



**A. Structure Plans:**

**1. Bridge Design Analysis:**

- a. The Design/Build Firm shall submit to the Department all final signed and sealed design documentation prepared during the development of the plans.
- b. The Design/Build Firm shall insure that the geotechnical and hydraulic recommendations and reports required for bridge design are submitted with the 90% bridge plans.
- c. The Design/Build Firm shall evaluate scour at the bridge.
- d. The Engineer of Record for the bridge shall analyze the effects of the construction related loads on the adjacent roadway. These effects include but are not limited to: construction equipment loads, construction sequence, etc. The Engineer of Record shall review all specialty engineer submittals to ensure compliance with the contract plan requirements and intent.



- e. The DB Team shall provide calculations showing what effect the pedestrian bridge will have on the flow of water and adjust the bridge height to not cause any downstream nor upstream increase in water elevation. At a minimum the low member shall be above the top invert of the existing pipe

2. **Criteria**

The Design/Build Firm shall incorporate the following into the design of this facility:

- a. All plans and designs are to be prepared in accordance with AASHTO LRFD Bridge Design Specifications, AASHTO Guide Specification for Design of Pedestrian Bridges, The Aluminum Association Specifications and Guidelines for Aluminum Structures, American Welding Society Structural Welding Code, Department Standard Specifications, Structures Manual, Plans Preparation Manual, Department Standard Drawings, Supplemental Specifications, Special Provisions, Temporary Design Bulletins, and District Structures Design Engineer.
- b. Bridge and decking shall be constructed of Aluminum (Alloy 6061-T6). Bridge shall provide a 5' minimum horizontal clearance and have 42" pedestrian railing and toe rails. Aluminum decking shall be extruded slats and shall have a raised ribbed surface integral to the extrusion. Ribs shall provide a non skid surface. The decking shall be placed transversely.
- c. Bridge shall be sloped 2% away from roadway.
- d. Bridge shall be powder coated to a brown color chosen by the City of Starke and in accordance with American Architectural Manufacturers Association Specification AAMA 2605. Floor Decking is not to be painted. Powder coat shall be submitted for final selection by owner.
- e. All fasteners for assembly shall be stainless steel type 304. Insulating washers shall be provided where stainless steel and aluminum contact is anticipated.
- f. Shop Drawings and calculations shall be approved by FDOT prior to fabrication.

You must sign, date and fax a copy of this addendum back to me by close of business today to indicate receipt. The bidder is required to acknowledge the addendum in the space provided on the proposal.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

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